

White Water to Blue Water

Potential Partnerships

Note: where contact information is provided for a partnership, you may contact that person directly. Otherwise, please contact the relevant program liaison.

INTEGRATED WATERSHED MANAGEMENT

Co-Chair: Vincent Sweeney, CEHI, vsweeney@cehi.org.lc

Co-Chair: Jim Sedell, US Forest Service, jsedell@fs.fed.us

Program liaison: Elizabeth McLanahan, 202-482-5140, Elizabeth.Mclanahan@noaa.gov

Sea Grant

Lead(s):

Matt Wilburn and Jill Hepp (NOAA/OAR); URI/Coastal Resources Center. Partners: Latin America-University of Zamorano, Honduras; University of Central America, Nicaragua.

Point of contact:

Matt Wilburn (NOAA/OAR), Matt.Wilburn@noaa.gov

Partners :

Potential Partners:

Caribbean –UWI; AMCHAM; CARIRI; IMA; OECS-ESDU; UWICED; Bellairs Research Institute; Caribbean Marine Research Center; CEHI; CTO

The NOAA National Sea Grant program (in collaboration with the University of Rhode Island Coastal Resources Center) is a collaborative partnership among government, academia, industry, scientists, etc. to coordinate research, cooperative extension, tech transfer, education, etc in the area of coastal resources. Sea Grant is currently adapting/expanding this program to Latin America and the Caribbean.

The Sea Grant Program is an important step towards building and establishing the in-country capacity to effectively identify, research and manage issues related to the watershed and coastal zone. Having a program such as Sea Grant housed within the university framework provides benefits in terms of research capabilities, while extension agents and educators are able to ensure communication and dissemination of information to user groups and stake holders. (A component of projects that is often overlooked when dealing with watershed scale levels.) A regional network of Sea Grant programs through out Latin America and the Caribbean could then link these country programs into a highly effective and efficient way to disseminate scientific information, promote technical exchange and leverage resources. This network could help to indirectly promote closer cooperation and good governance between nations as well as promote best business and environmental practices.

Collaborative Approach to Develop Integrated Watershed Management Strategies in the Wider Caribbean

Lead(s):

Ed Kruse (NOAA/NOS)

Point of contact:

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The marine and coastal ecosystems of the wider Caribbean, however, particularly coral reef systems, are under increasing threats from pollution, over exploitation, conflicting resource usage and alteration of the coastal environment as a result of current coastal development practices. This project will demonstrate the viability of using a collaborative approach to

<p>Partners:</p> <p>Potential Partners: Governments of St. Lucia, Grenada, and St. Vincent; Local NGOs; US State Department; CEHI; UNEP/RCU; UNCCD; IICA; FAO; CBWMP</p>	<p>the design of an integrated watershed management strategy based on local agricultural and coastal construction operations and the need to protect sensitive coral reef systems from nonpoint source runoff. The project will be complemented by the development of a Watershed Outreach Program to assist countries in the region in developing the local capacity to educate the agricultural and construction sectors on alternative, cost-effective means of implementing BMP's to reduce polluted runoff. This project will aid in the Implementation of Annex IV of the Land Based Sources Protocol to the Cartagena Convention.</p>
<p><i>Coral Gardens Initiative</i></p>	
<p>Lead(s): Angelica Shamerina (Counterpart International), Foundation of Peoples of South Pacific International (FSPI), Counterpart Caribbean</p> <p>Point of contact: Angelica Shamerina (Counterpart International), Ashamerina@counterpart.org</p> <p>Partners :</p> <p>Potential Partners: Punta Cana Ecological Foundation; Discovery Bay Marine Lab, Hotels; Local Community; Local NGOs; OAS; SMMA; SEDU-UWI; International Coral Reef Action Network (ICRAN)-Caribbean Region; CTO; UWICED</p>	<p>Counterpart International's Coral Gardens Initiative enables coastal and island communities to conserve, manage and restore their coral reefs, and supports poverty alleviation through public/private partnerships and sustainable enterprise. Implemented by a partner organization Foundation of Peoples of South Pacific International (FSPI) with support from several Foundations, European Union and Fiji's major 5-star resort, as well as community participation, the initiative has been highly successful in the South Pacific. For example, the initiative restores the coral reef environment by reducing hotel run off through constructed wetlands, and establishing no-fishing areas. Another alternative involves instituting a marine park at a resort, and developing reef tours, training local youth as reef wardens/ecotour guides, and establishing an environmental trust fund from tourist entry fees into the marine park. The Fiji site was recently selected as an International Coral Reef Action Network (ICRAN) model site (www.icran.org).</p> <p>Preparations to expand the initiative to the Caribbean have already started with the EU funding support and will continue to build. Counterpart is working with an affiliate organization Counterpart Caribbean and other Caribbean conservation partners in the Dominican Republic, Jamaica and Barbados to transfer best practices in coral reef conservation and management from the Pacific to the Caribbean and foster local best practices in community-based coastal management. As the Coral Gardens Caribbean program grows, it will focus particularly on promoting community-based conservation measures as well as certified sustainable reef-based tourism with major resorts in the region, and low-tech restoration approaches.</p>
<p><i>Global Agroforestry Conference</i></p>	
<p>Lead(s): Greg Ruark (USDA)</p> <p>Point of Contact: Greg</p>	<p>This event will be held in Orlando, Florida June 27 to July 2, 2004. During the 1990s, the relevance of agroforestry was recognized in developing countries, where intensive agriculture and forestry have led to reduced biodiversity and wildlife</p>

<p>Ruark (USDA), gruark@fs.fed.us</p> <p>Partners:</p> <p>Potential Partners: USDA- ARS/CSREES/FAS/FS/NRC S; NOAA; Univ. of Missouri; Univ. of Florida; Univ. of Bonn-Germany; Inter- American Institute for Cooperation on Agriculture; People's Republic of China- Water Ministry; World Agroforestry Center; Mars, Inc.</p>	<p>habitat, increased soil erosion, non-point source pollution of fresh water resources, and greenhouse gas emissions.</p> <p>Agroforestry is a set of sustainable land use practices that have the potential to greatly improve the quality of fresh water resources, as well as marine and coastal systems into which they flow. The Congress will feature a session on water quality. Topics will include: agroforestry design concepts in the riparian zone for water quality management, agroforestry for improving in-stream aquatic habitat, and agroforestry for the treatment and reuse of wastewater.</p>
<p><i>Caddo Lake Initiative</i></p>	
<p>Lead(s): Caddo Lake RAMSAR site</p> <p>Point of Contact: Dwight Shellman, dks@sopris.net</p> <p>Partners : Laguna Madre - Mexico</p> <p>Potential Partners: Mexico, Costa Rica, Uruguay, other Western Hemisphere sites</p>	<p>Facilitate linkages between Caddo Lake RAMAR site in Texas and other selected current or potential RAMSAR sites in Latin America. For example, create website, map bird flyway trails, develop teaching/training network, promote ecotourism, etc.</p>
<p><i>International Corporate Wetlands Restoration Project (ICWRP)</i></p>	
<p>Lead(s): Coastal America Foundation; RAMSAR Bureau</p> <p>Point of Contact: Joyce W. Namde (U.S. Department of State), namdejwt@state.gov</p> <p>Partners :</p> <p>Potential Partners: Corporations</p>	<p>By leveraging private sector support, create a small grants program for RAMSAR sites. Grants will be used to enhance and protect wetland sites.</p>

Water, Food, and Agriculture: The Third Henry A. Wallace International Scientific Conference Series

<p>Lead(s): Dick Affleck and Carol Kramer-LeBlanc (USDA/FAS); Francisco Jimenez and Pedro Ferreira (CATIE)</p> <p>Point of Contact: Dick Affleck (USDA/FAS), Richard.Affleck@usda.gov</p> <p>Partners :</p> <p>Potential Partners: Global Water Partnerships (GWP); CATIE's Nordic Country Partners; USAID/G-CAP; Communities and Watersheds Section of CIAT</p>	<p>This three-day conference (May 2-5) will address research aspects of critical issues of water management and quality for agriculture, food and other uses in Central America and Mexico. Utilizing an integrated watershed and water resources management framework, the seminar will bring together top researchers in relevant aspects of agriculture, forestry and water from throughout the hemisphere to share knowledge and develop an agenda and partnerships for continuing research.</p> <p>Central America and Mexico face water problems that this seminar will address using a variety of approaches including spatial analysis, watershed case studies, and bringing to bear recent physical, biological, and social science research results. Among the outcomes of the seminar will be an in-depth understanding of some of the most important regional watersheds, related marine ecosystems, their characteristics, problems, and potential solutions.</p>
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Village-Led Watershed Management Methodology for Western Caribbean Basin

<p>Lead(s): Shaun Paul (EcoLogic Development Fund)</p> <p>Point of Contact: Shaun Paul (EcoLogic Development Fund) spaul@ecologic.org</p> <p>Partners: NGOs: EcoLogic; UNORCA/OZEFM (Mexico); Fundación Parque Nacional Pico Bonito (Honduras); La Fundación para la Protección de Lancetilla and Punta Sal y Texiguat (Honduras); Ulew Cheja (Guatemala); Maya Forestry Action Plan (Guatemala);</p> <p><i>Government agencies:</i></p>	<p>EcoLogic has spearheaded a regional initiative to catalyze community-based watershed management with communities living in extreme poverty in and around buffer zones and biological corridors along the Caribbean coast of Mesoamerica. This regional initiative spans 15 sites in seven countries (Mexico, Belize, Guatemala, Honduras, Nicaragua, Costa Rica and Panama). The work:</p> <ul style="list-style-type: none"> ▪ Strengthens good governance of watersheds; ▪ Implements cost effective natural resource protection; ▪ Expands economic and health opportunities for the poor; and ▪ Enhances green global trade. <p>This WW2BW initiative builds upon EcoLogic's success at establishing community-based, upland watershed management with local partner organizations based throughout the Mesoamerican Biological Corridor (Mexico and Central America). This offers the benefit of a more comprehensive approach to reducing negative effects of unsustainable land use on one of the Caribbean's most important resources—the Mesoamerican Barrier Reef. Further, EcoLogic and its partners</p>
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<p>Mexican Secretary of Agriculture</p> <p><i>US private sector:</i> ForesTrade; Green Mountain Coffee</p> <p><i>Private funding agencies:</i> Ford Foundation; Blossom Fund; Moriah Fund; Artanz Family Foundation; Flora Family Foundation; Rouse Family Foundation; Wellington Cabot Foundation; and Atkinson Foundation</p> <p>Potential Partners: USDA; NOAA; Smithsonian; Governments of Honduras, Mexico, Nicaragua, Panama and Ireland; Cities of La Ceiba, Olanchito and Tela; APPTA – Costa Rica; COCIFIT – Panama; Nicaraguan and Mexican NGOs; World Bank-GEF; World Bank Carbon Finance Unit; United Nations Development Program; Inter American Development Bank; European Union; US AID; Inter American Foundation; University of Cambridge, UK; Harvard University; University of Honduras (CURLA); Johnson & Johnson; Dole; Chiquita; Rotary International</p>	<p>seek to offer opportunities to exchange lessons learned with other initiatives in the Wider Caribbean Basin.</p> <p>EcoLogic is also exploring ways in which communities can capture greater economic benefits from their watershed management efforts. One area currently being considered involves upstream communities charging urban users and industries a quota for providing them with a clean and consistent water supply. This sum will be reinvested in the community for infrastructure improvement and other community development projects.</p> <p>Next Steps (six months):</p> <ul style="list-style-type: none"> • Formalize role of new potential partners in each participating country • Finalize detailed annual operating plans for 8 of the 15 project sites • Test and roll out ecosystem services payment model into 4 additional sites • Secure additional financial pledges and commitments of support to expand program to all 15 project sites • Initiate and expand field activities in 8 project sites.
<p><i>Village-Led Watershed Management in Honduras</i></p>	
<p>Lead(s): Margaret Lopez (EcoLogic Development Fund) and Gerardo Rodriguez (Fundación Parque Nacional Pico Bonito (FUPNAPIB))</p> <p>Point of Contact: Margaret</p>	<p>Over the past three years, EcoLogic and Fundación Parque Nacional Pico Bonito (FUPNAPIB) have developed and refined a highly effective strategy in eleven microwatersheds around the Pico Bonito National Park in northern Honduras. The park sustains threatened and endemic species, and is the source of 22 rivers, three of which feed into the Caribbean Basin and directly impact the Mesoamerican Barrier Reef System. Under our strategy, the local communities have gained</p>

<p>Lopez (EcoLogic), mlopez@ecologic.org</p> <p>Partners : EcoLogic; FUPNAPIB; La Fundación para la Protección de Lancetilla and Punta Sal y Texiguat (PROLANSATE); Ford Foundation; Blossom Fund; Artnz Family Foundation; European Union/COSPE</p> <p>Potential Partners: Governments of Honduras and Ireland; World Bank-GEF; University of Cambridge, UK; City of La Ceiba; City of Tela; Rotary International; Johnson & Johnson; Dole; and Chiquita</p>	<p>regulatory authority over land use, stabilized watersheds and soils by expanding sustainable agriculture and silviculture, while significantly reducing the incidences of water borne illnesses and increasing crop productivity and diversity.</p> <p>EcoLogic and FUPNAPIB now seek to expand their village-led watershed management efforts into the microwatersheds along the park's northern perimeter. Similarly, EcoLogic and another Honduran partner, La Fundación para la Protección de Lancetilla and Punta Sal y Texiguat (PROLANSATE), seek to replicate this proven model in the communities around the nearby Jeannette Kawas National Park, one of the largest and most important coastal marine protected areas in Honduras. Like its sister park, Jeannette Kawas houses important watersheds for the region, which provide water to thousands of people living in extreme poverty, yet is threatened by unsustainable land use practices.</p> <p>The village-led watershed management model introduces or improves upon existing potable water systems. It establishes village water committees that sustain their work through volunteer efforts and cover their costs by charging minimal user fees to support infrastructure improvements to the water delivery system and maintenance of the water catchments areas. Because of the program's success, EcoLogic has been able to leverage \$300,000 over the next three years (2003-05) from the European Union to implement the program in all the microwatersheds along the Pico Bonito's southern perimeter, and seeks additional partners to replicate this model in other areas of Pico Bonito and in Jeannette Kawas National Park.</p> <p>Next Steps (six months):</p> <ul style="list-style-type: none"> • Create detailed work plan for 2004. • Secure \$300,000 in matching funds from US private and public agencies to scale up this successful initiative. • Determine the level of private sector commitment among local and international companies (<i>e.g.</i>, Johnson & Johnson, Dole, Chiquita) that have already expressed interest in some elements of this project. • Define exactly how the World Bank–GEF can direct their existing commitments to further this initiative. • Define how to coordinate with UNDP-Honduras, which already has a national watershed program. • Initiate and/or expand direct assistance to 22 microwatersheds directly affecting upland water quality essential to the health of the Mesoamerican Barrier Reef
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Community-Based Coastal Zone Management in Mesoamerica

<p>Lead(s):</p> <p>Point of Contact: Shaun Paul (EcoLogic Development Fund) spaul@ecologic.org</p> <p>Partners: EcoLogic; Sarstoon Temash Institute for Indigenous Management (Belize); Fundación para la Protección de Lancetilla, Punta Sal y Texiguat (Honduras)</p> <p>Potential Partners: GEF – World Bank; GEF – World Bank – DAPVS; Oak Foundation; City of Tela; Belize Coastal Zone Management Authority; FUNDAECO (Guatemala); Toledo Institute for Development & Environment (TIDE) (Belize)</p>	<p>Participatory management is increasingly recognized as a best practice in integrated coastal zone management in Latin America. EcoLogic works in strategically important national parks in Mesoamerica to increase the role of rural communities in the stewardship of marine and terrestrial resources. Currently, EcoLogic has two initiatives that provide important examples for best practices in integrated coastal zone management in and around the Mesoamerican Barrier Reef. Both initiatives are scaling up their community-based interventions and seek to share lessons learned regionally.</p> <p>Sarstoon Temash National Park, the second largest national park in Belize, provides vital coastal mangrove habitat for rare and endangered species. The park is surrounded by indigenous communities working to improve land use and fresh water quality in and around the terrestrial park, while engaging their cross-border Guatemalan neighbors and area stakeholders in planning and management of fisheries and marine resources.</p> <p>Jeannette Kawas National Park is one of the largest and most important coastal marine protected areas in Honduras, and similarly, its neighboring rural communities are engaged in dynamic approaches to participatory watershed management, park protection and coastal zone stewardship.</p>
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Reefs at Risk in the Caribbean

<p>Lead(s): World Resources Institute (WRI)</p> <p>Point of Contact: Laurretta Burke (laurretta@wri.org); or Jon Maidens (jmaidens@wri.org)</p> <p>Partners: Atlantic and Gulf Rapid Reef Assessment (AGRRA); Caribbean Conservation Association (CCA); CARICOMP; Environmental Defense; Global Coral reef Monitoring Network; International Coral Reef Action Network (ICRAN); Island Resources Foundation (IRF); National Center for Caribbean Coral Reef Research (NCORE); The</p>	<p>The primary goals of the <i>Reefs at Risk in the Caribbean</i> project are to raise awareness about threats to coral reefs and to make available a comprehensive, high quality base of information on physical threat to the region's coral reefs, as an aid to more effective management. In collaboration with partners in the region, the project has implemented an analysis linking human activities and reef condition. This includes a watershed-based analysis of land-based sources of pollution.</p> <p>To address this information need, <i>Reefs at Risk in the Caribbean</i> has four primary goals:</p> <ul style="list-style-type: none"> ▪ Collect and integrate information to improve the base of information available for examining threats to, status of, and protection of coral reefs within the wider Caribbean. ▪ Estimate (model) threats to coral reefs based on human population and development patterns. This will allow for extrapolation about threats to (and likely condition of) the many reefs for which survey information is not available. ▪ Develop a Geographic Information System (GIS) based tool for local-level evaluation of development scenarios
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<p>Nature Conservancy (TNC); The World Fish Center (ICLARM); Reef Check; United Nations Environment Program's Caribbean Environment Program (UNEP-CEP); UNEP- World Conservation Monitoring Center (UNEP-WCMC); UN Foundation; University of the West Indies (UWI); USAID; World Bank / GEF Mesoamerican Barrier Reef System Project; World Wildlife Fund (WWF)</p>	<p>and related implications for coral reef health and economic value.</p> <ul style="list-style-type: none"> ▪ Raise awareness through wide dissemination of integrated data sets, model results, a published report, and the GIS planning tool.
<p style="text-align: center;">MARINE ECOSYSTEM MANAGEMENT</p> <p>Co-chair: Kenneth Sherman, NOAA, (401)782-3210, kenneth.sherman@noaa.gov Co-chair: Robin Mahon, UWI, 246-417-4570, rmahon@caribsurf.com Co-chair: Alfred Duda, GEF, 202/473-1077, aduda@thegef.org Program liaison: Nancy Daves, NOAA-Fisheries, 301/713-2319, nancy.daves@noaa.gov</p>	
<p><i>Integrating Watershed and Coastal Area Management in Caribbean SIDS</i></p>	
<p>Lead(s): Global Environment Facility</p> <p>Point of Contact(s): Al Duda, GEF, aduda@thegef.org</p> <p>Partners: Implementing Agency: UNDP & UNEP, Contact: Andy Hudson (UNDP), Vladimir Mamaev (UNEP) Executing Agency: CAR/RCU & CEHI, Contact: Luc St. Pierre (CAR/RCU), Vincent Sweeney (CEHI) Consultant: David Vousden GEF: Al Duda</p>	<p>This GEF project has been under development for several years and is expected to be submitted by Caribbean SIDS to the GEF Council for approval in May, 2004. The project will address a number of water-related needs under the Barbados Programme of Action that encompass the interface between freshwater basins and coastal management of the island states. Formulated by the Caribbean environment Programme and UNDP under the auspices of the Cartagena Convention expressly for the SIDS, the project will support legislative and policy reform at the island state level, capacity building to implement those reforms, and demonstration projects on key issues facing individual states--ranging from groundwater supply protection and management, surface water supply protection, innovative sewage collection and treatment, watershed treatment to protect coastal ecosystems, agricultural best practices implementation, establishment of marine protected areas, and ICM in hotspots of developmental pressure.</p> <p><i>Other WW2BW Sub-committees: Integrated Watershed Management Subcommittee, Marine Science, SIDS.</i></p>

Sustainable Management of the Shared Marine Resources the Caribbean LME and Adjacent Regions

<p>Lead(s): GEF</p> <p>Point of Contact(s): Al Duda,</p> <p>Partners: Ken Sherman (NOAA), Robin Mahon (UWI), Al Duda (GEF), Cesar Toro (IOCARIBE)</p>	<p>Sustainable use and protection of the transboundary living resources of the Caribbean LME and their key habitat are the subjects of this project, which is still under early phases of development. Planned with the assistance of UNDP and IOCARIBE, the project will cover up to 29 nations (and associated island states) of the Wider Caribbean Region that share the large marine ecosystem. The objective of the project is to help achieve sustainable management of the shared living resources of the LME and adjacent areas through integrated approaches that will meet the WSSD targets related to sustainable fisheries and ecosystem-based approaches to management. Gaps in understanding transboundary resources will be filled that will lead to introduction of an ecosystem-based approach to assessment and management of the living resources of the LME. With the many institutions that exist in the Caribbean region, the project may assist the countries to sort out management responsibilities and will build capacity to undertake needed policy, legal, and institutional reforms to meet the WSSD targets. proposal for the full project (10 years)</p> <p><i>Other WW2BW Sub-committees: Marine Science; Integrated Watershed Management</i></p>
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Enhancement of regional fisheries management in the Caribbean

<p>Lead(s): CARICOM-Fisheries, FAO</p> <p>Point of Contact(s): Nancy Daves, NOAA-Fisheries</p> <p>Partners: Milton Haughton (CRFM), Bissesar Chakalall (FAO), others</p>	<p>The need for regional fisheries management in the Wider Caribbean has long been recognized, but never achieved. At its most recent meeting in St. Georges, Grenada (21-24 October 2003), the Western Central Atlantic Fishery Commission (WECAFC) recommended the establishment of an intersessional working group to study how strengthened regional cooperation could be achieved and expressed its wish that participants at the Miami meeting support this intersessional work. A current proposal by CARICOM-Fisheries for such an accord, as well as other initiatives in the region, should be thoroughly explored</p> <p><i>Other WW2BW Sub-committees: Marine Science</i></p>
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Financing of Marine Protected Areas

<p>Lead(s):</p> <p>Point of Contact(s):</p> <p>Partners: UNEP-CEP/RCU, GCFI, TNC, TOC, ED, CI, WRI, government of TCI, NOAA</p>	<p>Although many protected areas receive start-up funding, if on-going financing is not found, the area is destined to remain a “paper park” which provides no real protection for its natural resources or benefits to its users. This partnership of NGOs, governments, intergovernmental organizations and academic institutions, will look for solutions to challenges of long-term funding.</p>
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<i>Other WW2BW Sub-Committees: Sustainable Tourism</i>	
<i>Pollution and Marine Ecosystem Health</i>	
Lead(s): Bryon Griffiths; Patrick Cotter (EPA); Larry Sperling (state) Point of Contact(s): Patrick Cotter Partners: Governments of Mexico and US; US and Mexican state governments Potential Partners: All Wider Caribbean governments	<p>The first session would explore current work on development of a cooperative red tide networking project between the US, Cuba and Mexico. The second session would explore the possible extension of such a network into the Caribbean.</p> <p><i>Other WW2BW Sub-Committees: Marine Science; Integrated Wa Management</i></p>
<i>Development of socio-economic monitoring guidelines for marine protected areas</i>	
Lead(s): Patrick McConney, UWI, Leah Bunce, NOAA- NOS Point of Contact(s): Patrick McConney Partners: TBD Potential Partners: TBD	<p>The success of marine protected areas depends, in large part, on their acceptance by stakeholders. Guidelines for collecting data on the socio-economic aspects of marine protected areas of all kinds are under development and outputs of the projects can be shared with government managers and other interested parties.</p> <p><i>Other WW2BW Sub-Committees: Marine Science</i></p>
<i>Protected Species: changing the education paradigm</i>	
Lead(s): Karen Eckert, WIDECAT; Joe Hartenstine, NOAA; Julie Childers, Mote Marine Lab); Point of Contact(s): Nancy Daves, nancy.daves@noaa.gov Partners: TBD Potential Partners: TDB	<p>For many years, it has been assumed that the best way to promote an environmental ethic is to educate young people who will absorb what they are taught in addition to passing the information on to their parents. The hypothesis of the work of this breakout group is that a more holistic public education program is needed and the group will explore how to develop such a plan.</p> <p><i>Other WW2BW Sub-Committees: Education; Sustainable Tourism</i></p>
<i>Extension into the Caribbean of the Monitoring, Control and Surveillance (MCS) Network for Fisheries Related Activities</i>	
Lead(s): Michele Kuruc (NOAA General Counsel for	<p>This program links fisheries enforcement personnel in order to more effectively enforce conservation measures designed to</p>

<p>Enforcement, Dale Jones (NOAA Enforcement)</p> <p>Point of Contact(s): Michele Kuruc</p> <p>Partners: TBD</p> <p>Potential Partners: Wider Caribbean governments</p>	<p>protect world fisheries and ecosystems. Membership in the Wider Caribbean is low, but would be beneficial to the region.</p> <p><i>Other WW2BW Sub-Committees: Environmentally Sound Marine Transportation</i></p>
<p><i>Development of an MPA Network in the Caribbean</i></p>	
<p>Lead(s): Georgina Bustamante, TNC; Bob Glazer, GCFI</p> <p>Point of Contact(s): Georgina Bustamante</p> <p>Partners: many</p> <p>Potential Partners: many</p>	<p>Consistent with the recommendations of the 2002 World Summit on Sustainable Development (WSSD) and the Vth IUCN World Park Congress (2003), this partnership would seek to establish a system of effectively managed, representative network of marine and coastal protected areas, consistent with international law and based on scientific information. (Leads: Georgina Bustamante, TNC; Bob Glazer, GCFI)</p> <p><i>Other WW2BW Sub-Committees: Marine Science, Integrated Watershed Management, Sustainable Tourism</i></p>
<p><i>Development of a Caribbean wide stranding network</i></p>	
<p>Lead(s): NOAA Fisheries (Protected Resources), NOAA Oceans (Ocean Health Initiative; St. Georges University, Grenada; IFAW</p> <p>Point of Contact(s): TBD</p> <p>Partners: TBD</p> <p>Potential Partners: governments, academic institutions and NGOs in the Wider Caribbean</p>	<p>Unusual mortality events of marine mammals, sea turtles and fish can provide insight into ocean health if there is ground response to animal strandings and collection of relevant data. In the Wider Caribbean Region, there is an urgent need for capacity building in this area, including training in methods of sample collection, archiving of samples and establishment of an on-line</p> <p><i>Other WW2BW Sub-Committees: Marine Science</i></p>
<p><i>Cooperation between cruise lines and scientists for use of ships as platforms of opportunity for biological research</i></p>	
<p>Lead(s): Ken Sherman, Bill Richards (UM)</p> <p>Point of Contact(s): TBD</p> <p>Partners: TBD</p> <p>Potential Partners: TBD</p>	<p>This concept has been successfully used for gathering oceanographic data. This project would extend its reach to biological data.</p> <p><i>Other WW2BW Sub-Committees: Marine Science; Environmentally Sound Marine Transportation</i></p> <p><i>This partnership may be pursued by the Marine Science cross-cutting sub-committee.</i></p>

ENVIRONMENTALLY SOUND MARINE TRANSPORTATION

Chair: Rod Zika, 305-361-4715, rzika@rsmas.miami.edu

Professional liaison: Lindy S. Johnson, 202-482-5887, Lindy.S.Johnson@noaa.gov

Anchors Away!

Lead(s)/Points of contact:
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Partners: NOAA, EPA
CORAL, Project Aware.

Potential Partners:
government agencies, local
dive operators, local and
other businesses with interest
in the Region, marinas or
ports, regional tourism
organizations,
nongovernmental
organizations with an interest
in protecting coral reef
resources, and funding
institutions and other donors.

This partnership is to establish mooring buoys in select countries as well as an education component aimed at coral reef diving and other activities engaged in anchoring.

Timeline: Announcement of partnership at Miami Conference, with a multi-year implementation thereafter.

Synergy with the Ecosystems and Sustainable Tourism sectors.
(This partnership is being spearheaded by the Environmentally Sound Marine Transportation group, with strong support by the Sustainable Tourism group.)

No Anchoring Areas

Lead/Point of Contact:
Lindy Johnson
Lindy.S.Johnson@noaa.gov

Potential Partners:
Wider Caribbean States,
non-governmental
organizations, industry

This project would be to form partnerships between States and non-governmental organizations for the development of submissions to the International Maritime Organization (IMO) for the creation of No Anchoring Areas for all ships, certain categories of ships, or ships carrying certain cargoes. This partnership is in need of partners so any State that has experienced damage from anchoring, in particular by large ships, should contact the lead person on this issue.

Timeline (Tentative):
Target would be to submit a proposal to IMO by March 2004.

Synergy with the Ecosystems and Sustainable Tourism sectors.

Adverse Effects from Anti-fouling Systems

Lead/Point of Contact:
Bryan Wood-Thomas
wood-thomas.bryan@epamail.epa.gov

There are a few possibilities for partnerships on this topic, including exploration of the use of various anti-fouling system technologies, environmental / regulatory aspects of using anti-fouling systems, highlighting that certain segments of industry

<p>Potential Partners: Wider Caribbean States, EPA, International Paint, IMO</p>	<p>have moved to tin-free anti-fouling systems before legally being required to do so, and the development and implementation of model legislation to implement the recently concluded IMO Convention on the Control of Harmful Anti-fouling Systems.</p> <p>Timeline (Tentative): 2004</p> <p><i>Synergy with the Ecosystems sector and the Marine Science cross-cut.</i></p>
<p><i>Harmful Aquatic Organisms and Pathogens Discharged through Ships' Ballast Water</i></p>	
<p>Lead/Point of Contact: Kathy Metcalf kmetcalf@knowships.org</p> <p>Partners:</p> <p>Potential Partners: Wider Caribbean States, IMO, Chamber of Shipping of America; The Ocean Conservancy</p>	<p>The main aim of this issue is to facilitate partnerships among the countries in the Region and possibly the International Maritime Organization (IMO) to address threats from the introduction of harmful aquatic organisms and pathogens through discharges of ships' ballast water. One of the programs that may be highlighted at the Miami Conference is IMO's GLOBALLAST program. This program may be expanded to include some WCR States as well as used to inform and encourage potential partnerships among States within the Region.</p> <p>Timeline: Miami Conference and thereafter</p> <p><i>Synergy with Ecosystems and Marine Science cross-cut.</i></p>
<p><i>Good Mate/Clean Marinas Program</i></p>	
<p>Lead(s)/Points of Contact: Seba Sheavly/Javier Velez-Arocho ssheavly@oceanconservancyva.org Velez-Arocho-Javier@epamail.epa.gov</p> <p>Partners: The Ocean Conservancy, USEPA</p> <p>Potential Partners: British Virgin Islands, United Kingdom, U.S. Coast Guard, NOAA</p>	<p>This partnership would be to implement a Good Mate/Clean Marinas Program in selected areas in the British Virgin Islands and Turks & Caicos. Several entities have been working on, and published documents or have websites pertaining to, the issue of clean marinas and best management practices for boaters, including The Ocean Conservancy, EPA, NOAA, and the U.S. Coast Guard. Development of this partnership may help to energize the creation of a Caribbean Marinas Association.</p> <p>Timeline: 2004</p> <p><i>Synergy with the Watersheds, Ecosystems, and Sustainable Tourism sectors.</i></p>

<i>Cruise Ship Initiative</i>	
Lead/Point of Contact: Steve Poulin PoulinSD@state.gov Potential Partners: Wider Caribbean States, International Council on Cruise Lines, Conservation International, The Ocean Conservancy, Atlantic University	The discussions of the parameters of a partnership involving cruise ship issues have begun. Several issues are being discussed such as developing a Code of Practice to address such things as garbage, sewage, use of “green products”, recycling, and employee awareness; education and outreach efforts including such things as environmental brochures, programs to highlight and increase understanding of the environmental initiatives already being conducted by cruise ships, and “eco-riders” on board cruise ships to interact with passengers; and the use of cruise ships as research platforms. Timeline (Tentative): 2004 <i>Synergy with Sustainable Tourism sector and Marine Science cross-cut.</i>
<i>Cruise Ships, Kids, & Science</i>	
Leads/Points of Contact: Richard Pruitt, Peggy Finarelli, Liz Williams, Lisa Pitman rpruitt@rccl.com peggy.finarelli@verizon.net ewilliams@rsmas.miami.edu lpitman@rsmas.miami.edu Partners: GLOBE, Royal Caribbean Cruise Lines, University of Miami (RSMAS), and Miami-Dade County Public Schools (M-DCPS)	This partnership will focus on environmental science educational activities for children traveling with their families on cruise ships. Timeline: 2004 <i>Synergy with the Education and Science cross-cuts.</i>
<i>Hydrography</i>	
Lead/Point of Contact Meg Danley Meg.Danley@noaa.gov Partners: GEF, IADB, Meso-American-Caribbean Sea Hydrographic Commission Potential Partners:	This partnership is among the Inter-American Development Bank, the GEF, and the Meso-American-Caribbean Sea Hydrographic Commission and is a capacity building initiative to develop and contribute to the implementation of electronic charting and hydrographic capabilities in the Gulf of Honduras. Timeline: <i>Synergy with Watersheds sector</i>

<i>Seakeepers</i>	
Lead/Point of Contact Rod Zika rzika@rsmas.miami.edu Partners: Potential Partners:	This partnership would build on ongoing efforts to use ships as research platforms for the collection of weather information. Timeline: Synergy with the Marine Science cross-cut.
<i>Bilateral Spill Response Agreements</i>	
Lead/Point of Contact: Mark Meza MMeza@comdt.uscg.mil Partners: U.S. Coast Guard Bermuda, Panama, Mexico Potential Partners: U.S. Coast Guard and British Virgin Islands	Unfortunately, spills from the marine transportation sector continue to occur, thus necessitating spill response capabilities. There are a number of bilateral agreements to address spills between the U.S. Coast Guard and select WCR States. Timeline: Showcase existing partnerships at the Miami Conference; completion of pending U.S. Coast Guard/British Virgin Islands Agreement. <i>Synergy with Ecosystems and Sustainable Tourism sectors</i>
<i>Particularly Sensitive Sea Areas (PSSAs)</i>	
Lead Lindy Johnson Lindy.S.Johnson@noaa.gov Points of Contact: Saba: Paul Hoetjes Paul@mina.vomil.an San Andres: June Marie Mow junem@coralina.gov.co Potential Partners: Saba: The Netherlands Antilles, the Netherlands, Conservation International San Andres: Colombia (Coralina), The Ocean Conservancy	There are several areas in the Caribbean that have been considering the possibility of submitting a proposal to IMO for the designation of a particular area as a PSSA: (1) Saba Bank, where there are apparently transshipments of oil taking place and occasionally ship groundings on the reef (This issue is being explored by Conservation International, the Netherlands Antilles, and the Netherlands) and (2) San Andres Islands, Colombia (This issue is being explored by The Ocean Conservancy and Colombia (Coralina)). Timeline (Tentative): Submission to proposals to 2004 Marine Environment Protection Committee meeting <i>Synergy with Ecosystems and Sustainable Tourism sectors</i>

<i>Waste Reception Facilities</i>	
Leads/Points of Contact: Claudia Grant/Shawn Lawson Laing cgrant@jamaicaships.com slawsonl@dal.ca	This partnership may involve the development of information on the siting and provision of waste reception facilities in the various countries.
Potential Partners:	Timeline: <i>Synergy with Watersheds, Ecosystems, and Sustainable Tourism sectors</i>
SUSTAINABLE TOURISM	
Co-Chair: Cecil Miller, OAS, 202-458-3707, camiller@oas.org Co-Chair: Mercedes Silva, CTO, 246-247-5242, msilva@caribtourism.com Program liaison: Elaine Denning, 202-482-2652, Elaine.J.Denning@noaa.gov	
<i>Integrated Tourism Planning</i>	
Lead(s): Caribbean Tourism Organization (CTO)	Partnership will have several facets that comprise integrated tourism planning. It will utilize case studies and a new demonstration project, to show 1) all parties working together, and leveraging their capacities; 2) the politicians getting involved, when all interests are working for the same goal; and 3) an increase in meaningful public participation in decision-making, moving toward co-management (e.g. educating, gaining interest, public meetings, comments, leadership by the NGO community, using the press to motivate government decision-making). May involve the production of a take away tool. May involve a one-day Ministers caucus, in the region, to discuss and sensitize them to inter-sectoral (e.g. tourism, agriculture, forestry, urban) planning and issues.
Point of Contact(s): Mercedes Silva msilva@caribtourism.com	
Partners:	
Potential Partners: CANARI (the Caribbean Natural Resources Institute), industry associations, Barbados (Dr. Lorna Innis of coastal agency), Association of Caribbean States (ACS), Organization of Eastern Caribbean States (OECS), Conservation International (CI), Mundo Maya, Coralina, Surinam Integrated Tourism Development Programme, NOAA Sea Grant	
	Timeline (tentative): Nov - gather case studies, contact potential partners, begin action plan, talk about Ministerial meeting idea Dec - continue contacting potential partners, continue action plan, talk about potential tool Jan - gather info and choose demonstration location Feb - canvass for funding Mar - canvass for funding <i>Potential link with Integrated Watershed Management Subcommittee's partnership on Sea Grant.</i>

Hazard Risk Mitigation in the Tourism Section

<p>Lead(s): Organization of American States (OAS)</p> <p>Point of Contact(s): Jan Vermeiren jvermeiren@oas.org</p> <p>Partners: Caribbean Tourism Organization (CTO)</p> <p>Potential Partners: UWI Coastal Zone Management and Engineering program, Caribbean Hotel Association (CHA)/ Caribbean Association for Sustainable Tourism (CAST), insurance companies?, coastal zone managers?, governments?</p>	<p>Partnership will undertake a pilot project involving a hotel that wants to do coastal hazard risk mitigation. The partnership will help the hotel make use of a coastal hazard database that was established at the University of the West Indies (UWI) in Trinidad under the Coastal Design Construction and Maintenance Project (http://www.methaz.org/cdcm/). The project would develop impact scenarios and determine mitigation operations for the pilot hotel. Caribbean Hotel Association will be asked to partner as they have a Hurricane Procedures Manual.</p> <p>Timeline (tentative): Nov prepare two-pager, line up of partners for the pilot project Dec Jan Feb Mar</p> <p><i>In conjunction with the Climate Change Adaptation and Hazard Mitigation Subcommittee.</i></p>
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Golf Course Environmental Practices

<p>Lead(s): Caribbean Tourism Organization (CTO)</p> <p>Point of Contact(s): Mercedes Silva msilva@caribtourism.com</p> <p>Partners: Caribbean Association for Sustainable Tourism (CAST)</p> <p>Potential Partners: Professional Golf Association (PGA), Golf and the Environment (coalition of 26 golf industry and environmental orgs), hoteliers, UNEP/Mexico Office, Audobon, Caribbean Water and Wastewater Association (CWWA), water managers</p>	<p>Through a partnership effort, develop standards for best environmental management practices for golf courses (with PGA involved). Demonstration project will include 1) pesticide and fertilizer management (with UNEP/Mexico Office works on reducing methol bromide), 2) water conservation (with CWWA on source and sink issues, and water managers), and 3) habitat creation and a maintenance program (with Audobon). May involve the development of regional guidelines that countries can adopt in a country-specific way. Build on experience of existing courses with replicable practices. A good candidate for the demonstration project may be a hotel that owns a golf course and sees incentive in protecting its ocean side.</p> <p>Timeline (tentative): Nov - contact potential partners, begin action plan Dec - continue contacting potential partners, continue action plan Jan - gather info and choose demonstration location Feb - canvass for funding Mar - canvass for funding</p>
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Environmental Management of Hotels

<p>Lead(s): Caribbean Association for Sustainable Tourism (CAST)</p> <p>Point of Contact(s): Deirdre Shurland dshurland@caribbeanhotels.org</p> <p>Partners: Caribbean Tourism Organization (CTO)</p> <p>Potential Partners: Sandals Resorts International (discussions underway with Richard May of Sandals, Montego Bay, Jamaica), PA Consulting (Janelle Blanchard) (already involved in CAST project), Punta Cana Resort, other hotels in the Caribbean</p>	<p>Demonstrate best environmental practices, including environmental audits and environmental systems adoption. Transfer knowledge on environmental management from those who already practice it. Builds on an existing project by CAST in the hotel sub-sector.</p> <p>Projects may come forward for several types of hotels -- a hotel chain, a single site large hotel, and a small hotel. Sandals Resorts International, which is Green Globe certified, has expressed interest in being one of the demonstrations, and provide on-site training on its practices to “students,” a few at a time, from other hotels in the Caribbean. Sandals’ hotels range from small (such as 52 rooms) to large (such as 456 rooms) with their own wastewater treatment systems. Thus, demonstrations would evidence the economies of scale involved in environmental management, and how to make each hotel self-sustaining.</p> <p>Timeline: Nov Dec Jan Feb Mar</p>
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Water Quality at Beaches and Marinas

<p>Lead(s): Caribbean Tourism Organization (CTO)</p> <p>Point of Contact(s): Mercedes Silva msilva@caribtourism.com</p> <p>Partners: Blue Flag Caribbean Consortium, National Healthy Beaches Campaign at Florida International University</p> <p>Potential Partners: Conservation International, Beach and maritime recreation providers</p>	<p>Partnership will showcase Blue Flag as an example of a tourism and environment partnerships at the national and regional level, and capture other partners within and outside the region, interested in either joining the campaign as countries or as sponsors. This effort will also coordinate with National Healthy Beaches Campaign, and its standards.</p> <p>-Partnership may add an element emphasizing best practices for the management of visitor impacts on beach ecosystems. In partnership, could produce guidelines and materials, for managers and visitors, with key messages. Identify target audiences for dissemination. Design it to encourage the adoption of the guidelines and support their use.</p> <p>-Could focus on extending beaches and marinas standards into a demonstration project, involving local stakeholders as partners.</p> <p>Timeline (tentative): Nov - contact potential partners, begin action plan Dec - continue contacting potential partners, continue action plan</p>
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	Jan - Feb - Mar -
<i>Sustainable At-Port Days</i>	
Lead(s): Point of Contact(s): Partners: Potential Partners: International Council of Cruise Lines (ICCL), International Association of Cruise Lines (IACL), Florida Caribbean Cruise Association (FCC), Seakeepers, Oceans Blue or Traveljust, Nevis Turtle, Maturo Turtle Foundation	Partnership is still being discussed. Possibilities include - --Partnership involving the cruise sector in the sustainability of port visits including the use of water, food, services, and attractions such as trails, diving sites, etc. May include a focus on environmental and social practices by cruise ship providers. Could extend to involvement in integrated tourism planning. --Partnership involving education of the tourists on-board ship to spur good treatment of the natural resources tourists encounter on their at-port days. In either partnership, it will be important to determine what is already being accomplished, and what needs to be done. Timeline: Nov Dec Jan Feb Mar
<p style="text-align: center;">MARINE SCIENCE</p> <p>Co-Chair: Kevin Leaman, Univ. of Miami, 305-361-4058, kleaman@rsmas.miami.edu Co-Chair: Cesar Toro, IO-CARIBE, C.Toro@unesco.org Program liaison: Jennifer Murphy, 202-482-5139, Jennifer.Murphy@noaa.gov</p>	
<i>Marine Science Infrastructure in Latin America and the Caribbean: Problems and Promise</i>	
Lead Partners: Kevin Leaman (UM), A. Gutierrez (CR), F. Arias (INVEMAR), C. Pinilla (INVEMAR) Potential Partners: Universities (UM, UPR, UCR, UWI), IOCARIBE, STRI, INVEMAR, CIMAR, CICESE, NOAA, NSF, EPA, CIOH, ACML Primary contact: Kevin Leaman (UM), KLeaman@rsmas.miami.edu	The advancement of marine science in the Caribbean is made more difficult by a number of factors, including lack of resources, multiple laboratories and institutes with inadequate equipment, and an inadequate technical support and training base. Problems inherent to the region, and possible solutions, will be discussed at an open forum with leading regional scientists and directors of regional laboratories.

A Caribbean Sea Observing System: Developing Tools for Regional Marine Resource Management

<p>Lead Partners: D. Wilson (NOAA), C. Toro (IOCARIBE), G. Garcia (IdO), I-G Steering Comm.</p> <p>Potential Partners: Regional Research Institutions, Government Agencies, NGOs, Commercial Enterprises</p> <p>Primary contact: D. Wilson (NOAA), Doug.Wilson@noaa.gov</p>	<p>The development of advanced needs for resource management in the Caribbean Sea requires that ocean observing systems in the region be developed and that they deliver products and information that can be directly of use to regional managers. Regional leaders of the IOCARIBE-GOOS program will present a program overview, showcase prospective implementation partnerships, and solicit input from regional marine resource managers on making the system meet their needs.</p>
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A Caribbean Sea Observing System: Opportunities for Trade and Transportation Partners

<p>Lead Partners: D. Wilson (NOAA), R. Zika, Otis Brown, Tourism Industry, K. Sherman</p> <p>Potential Partners: Government Agencies, Ports, Shipping, Resorts, Cruise Lines, NGOs</p> <p>Primary contact: D. Wilson (NOAA), Doug.Wilson@noaa.gov</p>	<p>Exploring partnerships between scientists, cruise line, tourism, hospitality, and shipping interests to develop a component of the regional observing that utilizes their unique capabilities to deploy instrumentation and returns products that can have a positive economic impact on their business and protect their valuable environmental resources. Note: this partnership might also overlap with the Ecosystem cruise line Biological observations from cruise lines partnership and probably a Seakeepers partnership in the Transportation group.</p>
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EDUCATION AND OUTREACH

Program liaison: Joseph Hartenstine, 202-482-5483, Joseph.A.Hartenstine@noaa.gov

U.S.–Caribbean University Cooperation: Linking Sea Grant and Fulbright

<p>Leads: NOAA, U.S. State Department</p> <p>Point of Contact: Matt Wilburn (NOAA) Matt.wilburn@noaa.gov</p>	<p>NOAA Research International in conjunction with Sea Grant and the U.S. State Department is developing a partnership that will serve to link the highly qualified and uniquely skilled members of the Sea Grant Network with the international opportunities available through the Fulbright Senior Specialist Program. The Fulbright Senior Specialist program differs from the traditional Fulbright in that it offers career professionals the</p>
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<p>Partners: U.S. Sea Grant Colleges and Universities, Central American Universities</p> <p>Potential Partners: Caribbean Embassies</p>	<p>chance to take advantage of short term, 2 to 6 week assignments in conjunction with Universities in 140 other countries. Sea Grant personnel are well suited to these overseas positions due to their experience dealing with diverse cultures and interest groups, their focus on community integration and involvement and their technical skills. The Fulbright Senior Specialist program offers Sea Grant personnel a chance to expand their professional experience, reinvigorate their commitment to research and extension through contact with other university faculty, and allow them to return to their Sea Grant positions with an enhanced, global perspective on the implications of their work.</p> <p>Current efforts to date to facilitate these opportunities and strengthen the partnership between NOAA and the Fulbright program have been correlated with the White Water to Blue Water initiative. WW2BW is a partnership building initiative spearheaded by the State Department and NOAA focused on linking watershed and marine ecosystem based management in the Wider Caribbean Region. Informally linking the Sea Grant program and the Fulbright Senior Specialist program creates opportunities to support this initiative by providing trained, technical experts and educators from the Sea Grant Network with potential opportunities related to the ecosystem based approach: Sea Grant could provide technical expertise from among its over 3000 affiliated individuals and the Senior Specialist Program could provide an extremely well-respected institutional affiliation, logistical, and financial support to accommodate their overseas experience with a host-country university that has requested the assistance.</p> <p>Plans to solidify this partnership depend on the level of interest expressed by the Sea Grant network and the opportunities available via the Fulbright Senior Specialist Program, but the initial reaction is extremely promising. This partnership has the potential to directly benefit the newly developed programs based on the Sea Grant model that are developing in Korea, Indonesia, and Latin America. Universities in those countries are eligible to contact the U.S. Embassy and place a request for a Senior Fulbright Scholar to support the Sea Grant program there. Examples of potential short term Sea Grant work that could be conducted under this framework include technical courses, assisting with administrative structuring and strategic planning, developing a peer review process for the institution, or designing an outreach/extension program, among others.</p> <p>Timeline Nov: widely publicizing the Senior Specialist program via the Sea Grant list serves and the National Sea Grant Office website, maintaining communication with the Fulbright Program to determine potential placements, and disseminating information to Embassy Public Affairs and Environment Officers as well as foreign partner universities on the products, skills, technical expertise and language abilities inherent in the Sea Grant Network so as to create additional opportunities.</p>
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	<p>Dec: building a database of interested Sea Grant personnel that have submitted applications to the Fulbright Senior Specialist Program, communication with the Fulbright program about methods to streamline applications and develop promotional materials to be distributed to the Embassies in Latin America regarding the products, skills and technical expertise of the Sea Grant network</p> <p>Jan: communicating with Embassies and foreign institutions regarding interest in submitting requests for specialist. Solidifying relationship with the Fulbright Program to further goals of the partnership</p> <p>Feb: tracking and evaluating feedback from the Sea Grant network, Embassies and foreign Universities about the potential productivity and viability of the partnership</p> <p>Mar: highlighting development of partnership at WW2BW conference to further engage additional countries and Universities</p> <p>For additional Information: NOAA Research International: http://www.oarhq.noaa.gov/ia/ia_home.htm National Sea Grant Office: http://www.nsgo.seagrant.org/ Fulbright Senior Specialist Program: http://www.cies.org/specialists/</p>
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Student-Mentor Partnership for Geographic Learning in Caribbean Nations

<p>Lead: Association of American Geographers (AAG)/My Community Our Earth (MyCOE)</p> <p>Point of Contact: Patricia Solís (AAG/MyCOE) psolis@aag.org</p> <p>Partners: US Department of Agriculture, US Forest Service</p> <p>Potential Partners: Centro Internacional para el Desarrollo Sostenible [International Center for Sustainable Development] (ICSD); Caribbean secondary schools, colleges, and universities; participating</p>	<p>My Community, Our Earth (MyCOE) involves secondary school, college, and university students worldwide at the local level with sustainable development through geographic learning, and showcases positive results to the international community. The first phase of the program (2001-2003) comprised a global competition for showcasing student projects at the WSSD and other international and policy-making venues. The first phase program results included 2,153 resource kits sent worldwide, 202 student projects submitted for presentation, a project website (www.geography.org/sustainable), 517 mentors signed up for assisting with project development, and a successful private-public partnership. The current phase of MyCOE activities involves a series of specific projects geared toward high impact outcomes for participants and communities, focused on addressing the respective missions and constituencies of sponsoring organizations, and building upon the lessons, partnerships, and success of the first phase of the program. The AAG serves as MyCOE Secretariat.</p> <p>With the financial support of the U.S. Department of Agriculture, the AAG, as MyCOE Secretariat, will coordinate and undertake a set of activities focused around sustainable development, water and coastal management, and agriculture converge, mainly in the US, Latin America & Caribbean region related to WW2BW. Support will be focused toward activities conducted within two categories: those related to the planned launch event of WW2BW at its 2004 Conference in Miami, and those related to programmatic activities</p>
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mentors and/or mentoring organizations; NOAA Coastal Services Center	<p>that link the partnerships' goals.</p> <p>The International Center for Sustainable Development (ICSD), with headquarters at the City of Knowledge in Panama, is an international partnership developed in conjunction with the WSSD partnership guidelines with the objective of becoming an international leading organization and a model of excellence for the integrated management of knowledge aimed at promoting sustainable development in the tropics. Their mission is to generate, validate and transfer knowledge in environmental, economic and social matters, for the use of participating actors in development processes, including decision makers in policy formulation, programs and actions that promote sustainable development in the tropics. Their potential involvement in the programmatic activities center on developing scientific and technical capacities through specific education and training programs for programs on sustainable development; and promoting the exchange of experiences and the development of information systems needed to encourage sustainable development in US, Central American and Caribbean nations.</p> <p>Timeline</p> <p>Nov: publicize the opportunity for Caribbean mentoring opportunities among the MyCOE mentor network; learn about what existing networks may be provided through the ICSD</p> <p>Dec: identify/pursue funding sources for joint ICSD-MyCOE activities; provide and maintain web-based project assistance for helping students in the region develop local projects around water and coastal management and agriculture themes, and for making connections with mentors and other resources, including a webpage specifically highlighting the MyCOE-WW2BW collaboration</p> <p>Jan: create an inventory of selected key existing resources in region of interest for water issues (highlighting those using GIS), including relevant university-to-university linkages, sister city projects; identify demonstration student-mentor project(s) to be displayed in Miami that focus on water themes in the region</p> <p>Feb: supplement the MyCOE mentor network to recruit scientists and experts in the region on topics of mutual interest to WW2BW, MyCOE, USDA and ICSD themes</p> <p>Mar: collaborate on exhibit and activities for the WW2BW Conference in Miami; conduct special WW2BW-MyCOE activities at the AAG's Centennial Meeting in Philadelphia, March 2004 during the week preceding the WW2BW conference</p> <p>For additional Information: Association of American Geographers: http://www.aag.org/ My Community Our Earth: http://www.geography.org/sustainable/ International Center for Sustainable Development: http://www.un.org/esa/sustdev/partnerships/science/panamacenter_%20forsusdev.pdf</p>
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<i>Geographic Learning for Sustainable Development</i>	
Lead Partners: American Association of Geographers/MyCOE Potential Partners: “My Community, Our Earth” (MyCOE) partner organizations (incl. AAG, US State Dept., USDA, NOAA; GLOBE program; others Primary contact:	Integration of student-based, geographic approaches into more integrated watershed and coastal management and policy frameworks in the Wider Caribbean region
<i>GIS Training</i>	
Lead Partners: American Association of Geographers/MyCOE Potential Partners: InterAmerican Development Bank; Fulbright Senior Specialist Program (US State Dept); others Primary contact:	Region-based seminars and/or training for decision-makers current status and approaches to watershed management using Geographic Information Systems
<i>Applied student research</i>	
Lead Partners: The GLOBE program Potential Partners: The GLOBE program (incl. US State Dept., EPA, NASA, NSF), NOAA, University of Miami, others Primary contact:	Development of local student-based watershed research, using established water-quality protocols in the Wider Caribbean region
<i>Land-Ocean Interactions in the Caribbean: Formulating a Research Agenda to Support Regional Integrated Watershed and Marine Ecosystem-based Management</i>	
Lead Partners: Florida International University – Dr. Michael McClain 1-305-348-6826 Michael.McClain@fiu.edu	A workshop for formulating a research agenda to support regional integrated watershed and marine ecosystem-based management

<p>Potential Partners: Instituto Nacional de Recursos Hidráulicos (INDRHI); UWI, Jamaica; Comité Regional de Recursos Hidráulicos, others</p> <p>Primary contact: Dr. Michael McClain 1-305-348-6826 Michael.McClain@fiu.edu</p>	
<p><i>Gulf of Mexico Network</i></p>	
<p>Lead Partners: American Association of Geographers/MyCOE</p> <p>Potential Partners: MyCOE partner organizations; USFS; Smithsonian Institution; Texas A&M University</p> <p>Primary contact:</p>	<p>Create a virtual network that would focus on lower Mississippi universities, sister projects in the Gulf of Mexico states and on student sustainable development/GIS projects around water and coastal issues</p>

Note: where contact information is provided for a partnership, you may contact that person directly. Otherwise, please contact the relevant program liaison.